## TAIYO AMERICA, INC.

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## CERTIFICATE OF CONFORMANCE

This is to certify that the following product has been inspected prior to sale and shipment, and complies with the manufacturing specifications for this product.

This product meets the performance requirements of A-A-56032D, Type II, as it applies to printed circuit board applications and the requirements of Bellcore GR-78-CORE Issue 1, September 1997 for legend and Marking Inks.

and Marking links.			
S-200E (LV) L	ot# 9120357	Mfg. Date:  2-03-1 Warranty Ends: 6-03	9-20
PROPERTY VISCOSITY	TEST METHOD  Toki Sangyo RE100U Viscometer 5 rpms @ 25°C	MANUFACTURING SPECIFICATION Before mixing: Report Only After mixing: 210 - 250	RESULT /26 ps 222 ps
THIXOTROPIC INDEX	Toki Sangyo RE100U Viscometer Viscosity ratio: 5 rpm / 50 rpm	Before mixing: Report Only After mixing: Report Only	1.4
FINENESS OF GRIND	TAI-0-0002	17.5 microns maximum	5 microns
VISUAL EXAMINATION	Microscopic examination: 1. 1-mil drawdown of wet film	No bubbles, pits, voids, particles, color differences.	Passed
	2. Wet film drawdown on grind gauge	No bubbles, pits, voids, particles, color differences.	Passed 🗹
SCREENABILITY	Visual inspection of coated panel	No surface defects, such as bubbles, pinholes, etc.	Passed
RESISTANCE TO SOLDERING (*)	260°C (500°F) / 10 sec x 2 cycles Rosin-based flux	No discoloration, peeling, or blistering	Passed
SOLVENT RESISTANCE (*)	Immersion in PM Acetate 20°C / 30 mins.	No swelling, softening, or blistering	Passed
PENCIL HARDNESS (*)	TAI-0-0020	6H or greater	8 H
ADHESION (*)	TAI-0-0021	100/100 on copper	Passed
(") - FIN This produ	uct has been by the Taiyo Varif	C (284 <sup>0</sup> F) in a convection ov	en

Warranty period ends: FRM-0-0075 09/03/20

> Authorized By: Luis Marquez QC Supervisor

Control department and has been granted a warranty extension.

12/02/13